

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	(align\$5 and mask and (loadlock or (load lock) or (transfer chamber))) and (156/345.51,345.52).ccls.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/06 02:59
S1	4	((("4492180") or ("5695564") or ("20010006827") or ("6214631"))).FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/04 10:14
S2	1185	(118/720,721).CCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/26 21:00
S3	2374	118/719.ccls.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/26 21:00
S4	39	S3 and (align\$5 with mask)	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/26 21:01
S5	22	S4 and (@ad<="20020521" or @rlad<="20020521")	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/26 21:04
S6	65	S2 and (align\$5 with mask) and (@ad<="20020521" or @rlad<="20020521")	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/26 21:26
S7	2	((("20010055844") or ("6776880"))).FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 21:54
S8	0	jp-36020875	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/26 21:56

S9	0	jp-6020875	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/26 21:56
S10	0	jp-60020875	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/26 21:56
S11	1	"60020875"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/26 21:56
S12	31	((lund-j\$.xp. or lund-j\$.xa.) and ((cluster tool) or clustertool)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/29 11:29
S13	232	((lund-j\$.xp. or lund-j\$.xa.) and elevat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/29 11:37
S14	60	((lund-j\$.xp. or lund-j\$.xa.) and elevator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/29 11:38
S15	36566	(align\$5 with mask) and (@ad<="20010612" or @riad<="20010612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/08 00:09
S16	476	S15 and ((cluster tool) or (plurality with ((coating or deposition or processing) adj chamber)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/08 01:14
S17	4287	S15 and (aligner or alignment device or alignment chamber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/08 01:34

S18	17	S17 and ((cluster tool) or (plurality with ((coating or deposition or processing) adj chamber)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/08 01:35
S19	35	("20010004469"   "20010006827"   "20010055844" "20020011972"   "20020030443"   "20020187265" "20020139303"   "20020155632"   "20040168634" "20050005850"   "4492180"   "4495180"   "4511599"   "4511599"   "4917556"   "4425871"   "4492180"   "4917556"   "5259881"   "5310410"   "5518824"   "5695564"   "5701055"   "5817366"   "5904961"   "5904961"   "5259881"   "5451261"   "5695564"   "5769952"   "5820679"   "6132280"   "6179923"   "6214631"   "6776880"   "6776880"   "6099598"   "6143083"   "6214631"   "6503365"   "6589382"   "6821348"   "6930050").PN.	US-PGPUB; USPAT	ADJ	ON	2009/06/08 01:56
S20	0	(sequential selective deposition) same (organic material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/05 22:37
S21	2	"20040168634"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/18 19:14
S22	2	"20010006827".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/24 06:01
S23	38	align\$5 with mask with (loadlock or (load lock) or (transfer chamber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 18:03

S24	5	S23 and (@ad<="20010612" or @rlad<="20010612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 18:06
S25	14	S23 and (@ad<="20020521" or @rlad<="20020521")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 18:19
S26	102	align\$5 same mask same (loadlock or (load lock) or (transfer chamber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 19:26
S28	38	S26 and (@ad<="20020521" or @rlad<="20020521")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 19:27
S29	24	S26 and (@ad<="20020521" or @rlad<="20020521") not S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 19:28
S30	6	(align\$5 same mask same (loadlock or (load lock) or (transfer chamber))).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 19:56
S31	950	(align\$5 and mask and (loadlock or (load lock) or (transfer chamber))) and (C23C016\$ or C23C16\$ or H01L021\$ or H01L21\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 21:08
S32	16	(align\$5 and mask and (loadlock or (load lock) or (transfer chamber))) and (C23C016\$ or C23C16\$ or H01L021\$ or H01L21\$)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 21:08
S33	100	(align\$5 and mask and (loadlock or (load lock) or (transfer chamber))) and (118/720,721,719,715).cls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 21:22

S34	53	S33 and (@ad<="20020521" or @rlad<="20020521") not S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 21:23
S35	8	(align\$5 and mask and (loadlock or (load lock) or (transfer chamber))).dm. and (118/720,721,719,715).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 21:46
S36	1280	(118/720,721).CGLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/05 22:19
S37	2589	118/719.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:19
S38	50	S37 and (align\$5 with mask)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:19
S39	26	S38 and (@ad<="20020521" or @rlad<="20020521")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:19
S40	70	S36 and (align\$5 with mask) and (@ad<="20020521" or @rlad<="20020521")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:19
S42	12	(S38 or S39 or S40) and (@pd>="20081126")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:21
S43	911	((Mori near3 Takao) or (Yamaguchi near3 Masaru) or (Kamiyama near3 Isao)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:42

S44	3	S43 and (align\$5 and mask and (loadlock or (load lock) or (transfer chamber)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:43
S45	37294	(align\$5 with mask) and (@ad<="20010612" or @rlad<="20010612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:45
S46	535	S45 and ((cluster tool) or (plurality with ((coating or deposition or processing) adj chamber)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:45
S47	4466	S45 and (aligner or alignment device or alignment chamber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:45
S48	17	S47 and ((cluster tool) or (plurality with ((coating or deposition or processing) adj chamber)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:45
S49	0	(sequential selective deposition) same (organic material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:45
S50	59	(S46 or S48 or S49) and (@pd>="20090608")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/05 22:45

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S54	0	align\$5 with mask with (loadlock or (load lock) or (transfer chamber))	UPAD	ADJ	ON	2011/06/05 23:00
S55	0	align\$5 same mask same (loadlock or (load lock) or (transfer chamber))	UPAD	ADJ	ON	2011/06/05 23:01
S56	5	(align\$5 and mask and (loadlock or (load lock) or (transfer chamber)))	UPAD	ADJ	ON	2011/06/05 23:02

S57	0	{align\$5 and mask and (loadlock or (load lock) or (transfer chamber))) and (118/720,721,719,715).ccls.	UPAD	ADJ	ON	2011/06/05 23:08
S58	0	"L15" and (align\$5 with mask)	UPAD	ADJ	ON	2011/06/05 23:10
S59	0	118/719.ccls. and (align\$5 with mask)	UPAD	ADJ	ON	2011/06/05 23:12
S60	0	(118/720,721).ccls. and (align\$5 with mask) and (@ad<="20020521" or @rlad<="20020521")	UPAD	ADJ	ON	2011/06/05 23:16
S61	124	{align\$5 with mask}	UPAD	ADJ	ON	2011/06/05 23:27
S62	13	S61 and (aligner or alignment device or alignment chamber)	UPAD	ADJ	ON	2011/06/05 23:27
S63	0	(sequential selective deposition) same (organic material)	UPAD	ADJ	ON	2011/06/05 23:34

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